

ABSTRACT

A wastewater treatment apparatus (10) that treats the wastewater containing persistent substances, according to the present invention, includes a wastewater treatment bath (12) for treating a wastewater (11), an oxidizing reagent adding unit (14) for adding an oxidizing reagent (13) in the wastewater treatment bath (12), and an alkaline reagent adding unit (16) for adding an alkaline reagent (15) in the wastewater treatment bath (12). By making the wastewater in the wastewater treatment bath (12) in the alkaline condition, it is possible to completely decompose the persistent substances in the wastewater by the oxidation treatment using an oxidizing reagent.